

METHOD AND APPARATUS FOR PROVIDING COMPLEX
TISSUE STIMULATION PATTERNS

ABSTRACT

5 The invention relates to a stimulation device for creating
complex or multi-purpose tissue stimulation. Many typical
stimulation devices suffer from deficiencies in providing
complex stimulation patterns. Using a circuitry operable or
programmable to repeat and skip stimulation settings, a complex
10 stimulation set may be created. The repeating and skipping
functionality may be implemented in hardware or software. In
this manner, complex stimulations may be derived from simple
circuitries. Furthermore, these stimulations may be used to
treat pain, stimulate bone growth, and control motor disorders,
15 among others.